

Amendments to the Specification:

Please replace the abstract with the following amended abstract:

An episode classification system including a multitude of diagnosis records-is disclosed. Each of the diagnosis records [[may]] includes diagnoses information, time of diagnoses information, and patient information. A patient grouper [[may]] generates at least one patient group by grouping patient records having similar patient information. A diagnosis grouper [[may]] generates at least one diagnosis group from a patient group by grouping patient records from a patient group that have similar diagnosis information. An episode analyzer [[may]] includes a probability analyzer, an episode grouper, and a severity analyzer. The probability analyzer [[may]] performs probability calculations capable of generating a probability value using at least two of the diagnosis records as input entries. The probability value [[may]] represents the probability that the input entries belong to a single episode. The episode grouper [[may]] groups diagnosis records determined to belong to a single episode. The severity analyzer [[may]] performs episode severity calculations capable of generating an episode severity value.